

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

ATTN: BOX PATENT APPLICATION

Sheet 1 of 2

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Docket No.: 02-713

Date: November 25, 2003



U.S. Express Mail Label No.:

EV323569218US

Inventor Name(s):

J. JOSHUA DRISCOLL; DENNIS L. ENDICOTT; STEPHEN A. FAULKNER; AND MAARTEN
VERKIEL

Title:

METHOD AND APPARATUS FOR REGENERATING NO_x ADSORBERS

☒ Fee Transmittal Form Attached in Duplicate

☒ Specification and Claim(s) [Total Pages]

☒ Drawing(s) [Total Sheets]

Declaration [Total Pages]

☐ Newly Executed (Original or Copy)

☐ Copy From Prior Application (37 CFR § 1.63(d))

☐ Deletion of Inventor(s) (37 CFR § 1.63(d)(2))
(Signed Statement Attached)

☐ Assignment Papers (Cover Sheet and Document(s))

☐ 37 CFR § 3.73(b) Statement (if applicable) ☐ Power of Attorney

☐ English Translation Document (if applicable)

☒ Information Disclosure Statement (IDS)/PTO-1449

☒ Copies of IDS Citations

☐ Preliminary Amendment

☒ Return Receipt Postcard (Specifically Itemized)

☐ Certified Copy of Priority Document(s)

☐ Other

Sheet 2 of 2

If a Continuing Application

☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP)

of prior Application No.: _____ ;

Examiner : _____ ; and

Group/Art Unit:

☐ Cancel Claims:

For Continuations or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied, as set forth above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

Correspondence Address:

☒ Customer Number or Bar Code Label:

719

or

☐ Correspondence address below:

Name:

Address:

City:

State:

Zip Code:

Country:

Attorney/Agent: Clifton G. Green

Registration No.: 41,044

Signature: _____

Caterpillar Inc.

Date: 11-25-03

112503

16711 U.S. PTO

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 892

Complete if Known

| | |
|----------------------|---------------------------|
| Application Number | (Unassigned) |
| Filing Date | (Herewith) |
| First Named Inventor | J. Joshua Driscoll ET AL. |
| Examiner Name | (Unassigned) |
| Art Unit | (Unassigned) |
| Attorney Docket No. | 02-713 |

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account

Deposit

Account Number 03-1129

Deposit

Account

Name

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|------------------------|----------|
| | | 1001 | 750 | Utility filing fee | 770 |
| | | 1002 | 330 | Design filing fee | |
| | | 1003 | 520 | Plant filing fee | |
| | | 1004 | 750 | Reissue filing fee | |
| | | 1005 | 160 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | 770 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|--|----------|
| | | 1202 | 18 | Claims in excess of 20 | |
| | | 1201 | 84 | Independent claims in excess of 3 | |
| | | 1203 | 280 | Multiple dependent claim, if not paid | |
| | | 1204 | 84 | **Reissue independent claims over original patent | |
| | | 1205 | 18 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | 122 |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|--|----------|
| | | 1051 | 130 | Surcharge - late filing fee or oath | |
| | | 1052 | 50 | Surcharge - late provisional filing fee or cover sheet | |
| | | 1053 | 130 | Non-English specification | |
| | | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| | | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| | | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| | | 1251 | 110 | Extension for reply within first month | |
| | | 1252 | 410 | Extension for reply within second month | |
| | | 1253 | 930 | Extension for reply within third month | |
| | | 1254 | 1,450 | Extension for reply within fourth month | |
| | | 1255 | 1,970 | Extension for reply within fifth month | |
| | | 1401 | 320 | Notice of Appeal | |
| | | 1402 | 320 | Filing a brief in support of an appeal | |
| | | 1403 | 280 | Request for oral hearing | |
| | | 1451 | 1,510 | Petition to institute a public use proceeding | |
| | | 1452 | 110 | Petition to revive - unavoidable | |
| | | 1453 | 1,300 | Petition to revive - unintentional | |
| | | 1501 | 1,300 | Utility issue fee (or reissue) | |
| | | 1502 | 470 | Design issue fee | |
| | | 1503 | 630 | Plant issue fee | |
| | | 1460 | 130 | Petitions to the Commissioner | |
| | | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| | | 1806 | 180 | Submission of Information Disclosure Stmt | |
| | | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| | | 1809 | 750 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| | | 1810 | 750 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| | | 1801 | 750 | Request for Continued Examination (RCE) | |
| | | 1802 | 900 | Request for expedited examination of a design application | |


Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|------------|-----------|----------------|
| Name (Print/Type) | Clifton G. Green | Registration No. (Attorney/Agent) | 41,044 | Telephone | (309) 675-6528 |
| Signature |  | Date | 11/25/2003 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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